

Patent Abstracts of Japan

PUBLICATION NUMBER : 07001022
PUBLICATION DATE : 06-01-95

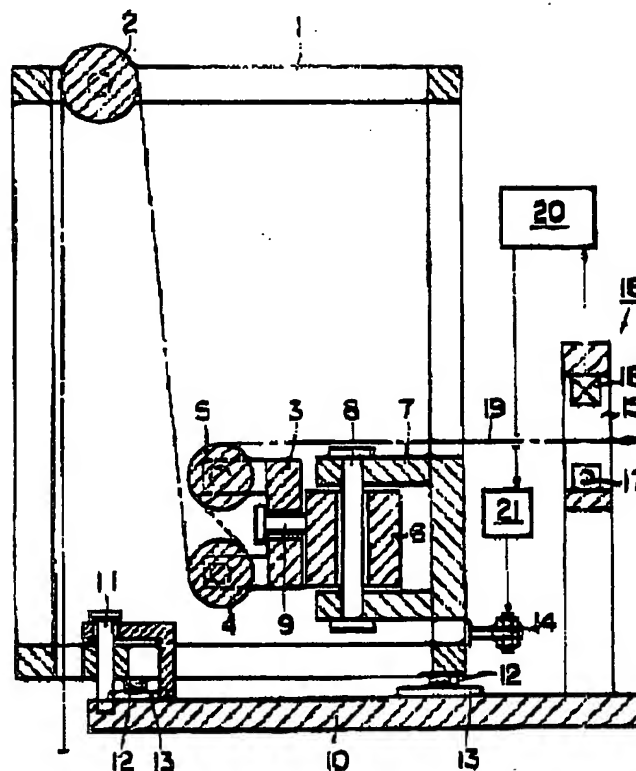
APPLICATION DATE : 16-06-93
APPLICATION NUMBER : 05171037

APPLICANT : SUMITOMO METAL IND LTD;

INVENTOR : NISHINO KEN;

INT.CL. : B21B 39/14 B65H 23/03B

TITLE : DEVICE FOR CONTROLLING
MEANDERING OF STRIP



ABSTRACT : PURPOSE: To prevent the meandering of the strip without deteriorating the flat shape of the strip by providing a tilting control part to control a driving mechanism to tilt a roll unit tilting frame according to the direction and quantity of the meandering detected by a meandering quantity detector.

CONSTITUTION: A meandering control part 20 operates a hydraulic cylinder 14 through a hydraulic pressure control part 21 according to the direction and quantity of the meandering of the strip 19 to a pass center to be inputted from a meandering detector 16. A roll unit tilting frame 1 is tilted by the prescribed angle around a supporting pin 11, and the meandering of the strip 19 is corrected by generating the tension difference on each side in the width direction of the strip 19. This constitution control the meandering with high precision without affecting the existing steering roll and without generating the defective flatness of the strip.

COPYRIGHT: (C) JPO